



FL Phosphate - Background Radiation Data

Brad Jackson to: Carol Monell

Cc: Derek Matory, Jon Richards

11/10/2010 04:39 PM

From: Brad Jackson/R4/USEPA/US
To: Carol Monell/R4/USEPA/US@EPA
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Carol:

Attached is the initial plot of the data from a 1968 radiation survey (I also left a copy in your chair). Because of the age of the study, we're having some coordinate issues (e.g., points in the ocean in coastal areas). Once we get those corrected, I'll provide a revised figure of the data and the phosphate deposit.

This figure does show that there were numerous measurements made throughout the state. Levels ranged from near 5 to 12 ur/hr. I also plan to do some statistical analysis to show the mean and deviation for areas "inside" and "outside" the phosphate deposit.

This data shows that we have an adequate understanding of background and that another background study is not needed. As we discussed, I would like to present this information to Franklin along with a proposal that we conduct the aerial assessment of the four mine sites (Coronet, Tenoroc, WR Grace/Bonnie Lake Mine, and Sydney Mine) as we had planned prior to the June 25, 2010, State and ATSDR meeting.

Thanks,

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Background Gamma Dose Rate Measurements- Florida

